

Work Order ID 83080

83080

Page 1

April-12-12 4:10:22 PM

Item ID: D212-580-043

Accept

N9000040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: LED Pulse Light

Start Date: 12/04/2012 Start Qty: 0.00

6

Cust Item ID:

Required Date: 26/04/2012 Req'd Qty: 0.00

6

Customer:

Reference:

Approvals: Process Plan: MJS

Date: 12/04/13 Tooling:

Date:

Run Start *NR1*

QC:

Date: SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
DSI 9596	A
IIN-D212-580-2	C

100

100

DC

Document Control

DOCUMENT CONTROL

Memo

Photocopy bluefile & type labels per PPPD212-580-043/ DSI 9538 CHG001

0.00

0.00

110

110

Packaging

Packaging

Pick Kit

Memo

0.00

0.00

5

5

12-05-11

12/4/12



Work Order ID 83080

April-12-12 4:10:22 PM

83080

Page 2

Item ID: D212-580-043

Accept

N9000040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: LED Pulse Light

Start Date: 12/04/2012 Start Qty: 6.00 *6*

Cust Item ID:

Required Date: 26/04/2012 Req'd Qty: 6.00 *6*

Customer:

Reference:

Approvals: Process Plan: Date: Tooling: Date:
QC: Date: SPC (Y/N): Date:

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC4- 100% Inspect kits for completeness Memo	0.00 0.00				(5)			WJ 12/05/11
130 *130* Packaging Packaging	Pick Kit Memo Identify and pack for shipping as per PPPD212-580-043/ DSI 9538 Location: 22 PPP rev:	0.00 0.00				(50)			12/5/11 MF
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.00							MLJ 12/05/11 MF 12-05-10

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Page 1

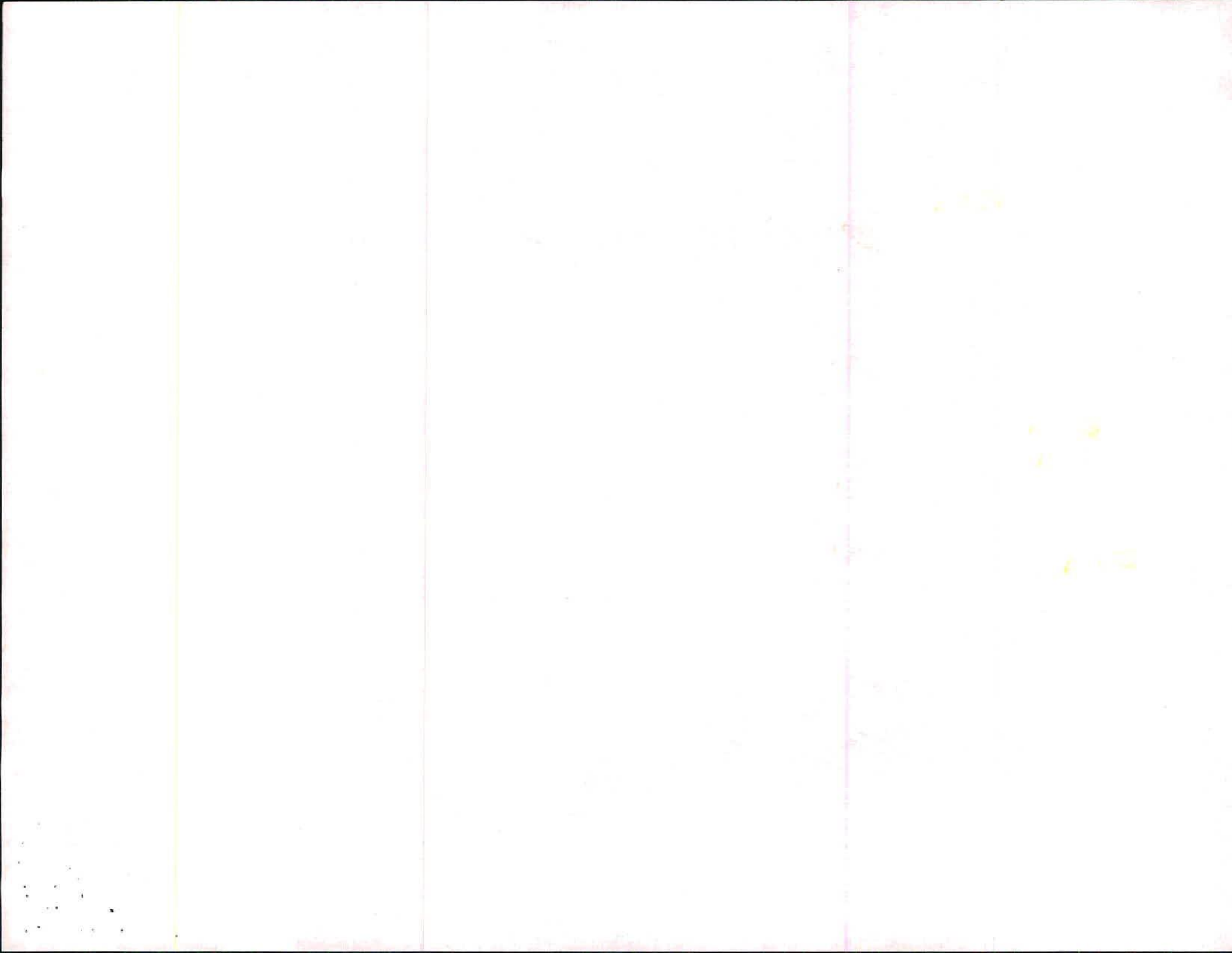
Parent Item Name: LED Pulse Light

D212-580-043

Required Qty: 6.00

IPP REV:A NEW ISSUE 10-05-11 JLM VERIFIED BY:DD IPP
rev:B 10.10.12 AS PER ECN10-618 DD VRF:JLM IPP rev:C
10.11.22 AS PER ECN10-642 DD VRF:JLM IPP rev:D 10.12.16
AS PER ECN10-658 DD VRF:EC IPP rev:E 11.03.31 added
D4377-1 DD VRF:EC IPP REV:F 12.02.24 as per DSI9596
rev a DD vrf:EC

[illegible]



Picklist Print

April-12-12 4:10:26 PM

Page 2

Work Order ID: 83080

Parent Item: D212-580-043

Parent Item Name: LED Pulse Light

83080

D212-580-043

Start Date: 12/04/2012

Required Date: 26/04/2012

Start Qty: 6.00

Required Qty: 6.00

MS26574-3

Purchased

No

110

Each

12.0000

1 6

**

MS26574-3

Circuit Breaker

Location

Loc Qty

Loc Code

ST515

12

119470

12

Purchased

No

110

Each

11.0000

1 6

**

MS22073-3

MS22073-3

Circuit Breaker

Location

Loc Qty

Loc Code

ST515

11

119470

11

Purchased

No

110

Each

12.0000

1 6

**

MS24524-21

MS24524-21

Switch (On-Off-On)

Location

Loc Qty

Loc Code

ST308

12

117695

0

119470

12

Purchased

No

110

Each

10.0000

1 6

**

1210/2405-2A

1210/2405-2A

Pulse Light Module

Location

Loc Qty

Loc Code

st503

10

117701

2

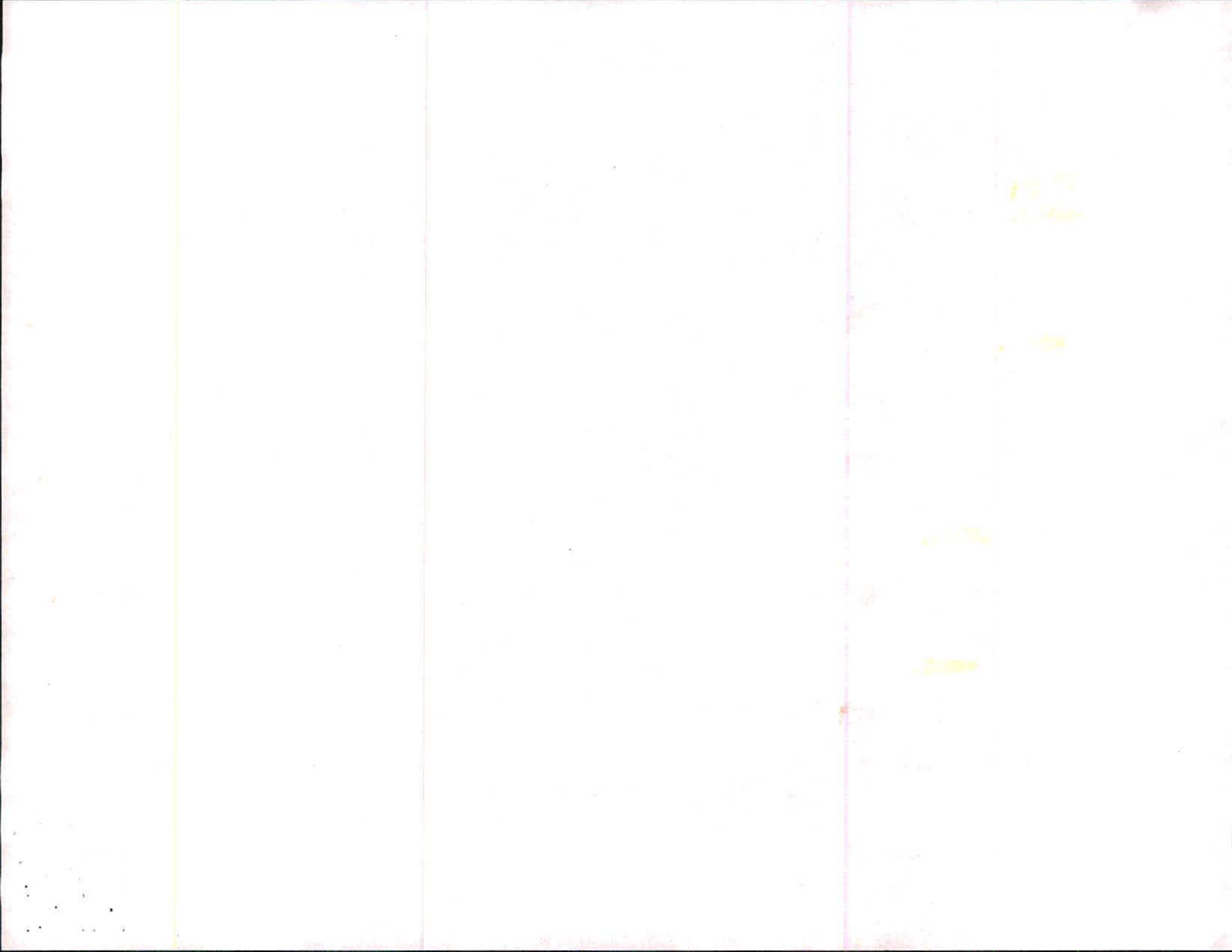
119564

8

April-12-12 4:10:26 PM

Shop Packet Print

Page 2



April-12-12 4:10:26 PM

Work Order ID: 83080

Parent Item: D212-580-043

Parent Item Name: LED Pulse Light

83080
D212-580-043

Start Date: 12/04/2012

Required Date: 26/04/2012

Start Qty: 6.00

Required Qty: 6.00

WHL
x5

206486-2

206486-2
Connector, Socket (J1000)

Purchased

No

110

Each

10.0000

**

6

Succ M117264

Location

Loc Qty

Loc Code

ST511

10

120652

10

Purchased

No

110

Each

11.0000

**

6

φ

WHL
x5

206485-1

206485-1
Connector, Plug (J1000)

Location

Loc Qty

Loc Code

ST511

11

117264 ✓

11

Purchased

No

110

Each

11.0000

**

6

6 5 Succ φ

WHL
x5

206458-1

206458-1
Feed-thru, Receptacle (J2/J3)

Location

Loc Qty

Loc Code

ST511

11

117264 ✓

11

Purchased

No

110

Each

13.0000

**

6

6 5 Succ 12/4/19 φ

WHL
x5

206460-1

206460-1
Connector, Plug (P2)

Location

Loc Qty

Loc Code

ST511

13

117762 ✓

1

119659

12

1 Succ
5 4 Succ

April-12-12 4:10:26 PM

Shop Packet Print

Picklist Print

April-12-12 4:10:26 PM

Page 4

Work Order ID: 83080

Parent Item: D212-580-043

Parent Item Name: LED Pulse Light

83080

D212-580-043

Start Date: 12/04/2012

Required Date: 26/04/2012

Start Qty: 6.00

Required Qty: 6.00

205838-1

Purchased

No

110

Each

16.0000

1

6

205838-1

Connector, Plug (P3)

**

Location

Loc Qty

Loc Code

ST511

16

117304

16

110

Each

80.0000

10

60

M39029/64-369

Purchased

No

M39029/64-369

Contacts, Pins (J1000)

**

Location

Loc Qty

Loc Code

ST511

80

117871

80

110

Each

185.0000

30

180

M39029/63-368

Purchased

No

M39029/63-368

Contacts, Sockets (P1000)

**

Location

Loc Qty

Loc Code

ST511

185

119478

85

121358

100

110

Each

23.0000

4

24

1-206062-4

1-206062-4

Connector Backshell

**

Location

Loc Qty

Loc Code

ST511

23

119504

23

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Shop Packet Print

Page 4



Picklist Print

April-12-12 4:10:26 PM

Page 5

Work Order ID: 83080

Parent Item: D212-580-043

Parent Item Name: LED Pulse Light

83080

D212-580-043

Start Date: 12/04/2012

Required Date: 26/04/2012

Start Qty: 6.00

Required Qty: 6.00

AN4-17A

Purchased

No

110

Each

490.0000

2

12

AN4-17A

Bolt

**

Location

Loc Qty

Loc Code

ST358

16

116419

16

116704

0

ST359

474

112314

0

118983

74

121011

200

121068

200

10 10 500

AN3-7A

Purchased

No

110

Each

91.0000

4

24

AN3-7A

Bolt

**

Location

Loc Qty

Loc Code

ST351

91

117872

91

24 20 500

MS21042L4

Purchased

No

110

Each

3,733.000

2

12

MS21042L4

Nut

**

Location

Loc Qty

Loc Code

ST300

3733

116188

5

119017

4

119075

1724

121011

2000

12

12/4/12

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Shop Packet Print

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Picklist Print

April-12-12 4:10:26 PM

Page 6

Work Order ID: 83080

Parent Item: D212-580-043

Parent Item Name: LED Pulse Light

83080

D212-580-043

Start Date: 12/04/2012

Required Date: 26/04/2012

Start Qty: 6.00

Required Qty: 6.00

MS21042L3

Purchased

No

110

Each

2,989.000

7

42

MS21042I 3

Nut

**

Location

Loc Qty

Loc Code

ST300

2989

117441

16

117885

32

118451

5

118927

3

119017

1767

119075

166

121349

1000

42

35

5

NAS1149D0463J

Purchased

No

110

Each

5,213.000

4

24

NAS1149D0463.I

Washer

**

Location

Loc Qty

Loc Code

ST297

706

121011

706

ST298

4507

116805

0

117065

8

118384

5

119097

97

121255

4397

24X

20

30X

12/14/12

Picklist Print

April-12-12 4:10:26 PM

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Work Order ID: 83080

Parent Item: D212-580-043

Parent Item Name: LED Pulse Light

83080

D212-580-043

Start Date: 12/04/2012

Required Date: 26/04/2012

Start Qty: 6.00

Required Qty: 6.00

NAS1149D0363J

Purchased

No

110

Each

2,431.000

8

48

**

NAS1149D0363.I

Washer

Location

Loc Qty

Loc Code

ST298

2431

117601

61

118077

1

118612

18

119537

33

120142

76

120308

46

120644

272

121243

1924

AN525-832R10

Purchased

No

110

Each

107.0000

4

24

**

AN525-832R10

Screw

Location

Loc Qty

Loc Code

ST346

107

115622

7

119510

100

MS21042L08

Purchased

No

110

Each

248.0000

4

24

**

MS21042L08

Nut

Location

Loc Qty

Loc Code

ST300

248

120833

200

121185

48

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Shop Packet Print

Page 7



Picklist Print

April-12-12 4:10:26 PM

Page 8

Work Order ID: 83080

Parent Item: D212-580-043

Parent Item Name: LED Pulse Light

83080

D212-580-043

Start Date: 12/04/2012

Required Date: 26/04/2012

Start Qty: 6.00

Required Qty: 6.00

NAS1149DN816J

Purchased

No

110

Each

162.0000

8

48

NAS1149DN816.I

Washer

**

Location

Loc Qty

Loc Code

ST298

162

162

14.0000

4

24

MS35206-217

Purchased

No

110

Each

MS35206-217

Screw

**

Location

Loc Qty

Loc Code

ST294

14

14

108.0000

4

24

MS210421.04

Purchased

No

110

Each

MS210421.04

Nut

**

Location

Loc Qty

Loc Code

ST300

105

20

11

77

106.0000

8

48

NAS1149DN432J

Purchased

No

110

Each

NAS1149DN432.I

Washer

**

Location

Loc Qty

Loc Code

ST297

11

11

ST298

95

9

2

84

April-12-12 4:10:27 PM

Shop Packet Print

Page 8



Picklist Print

April-12-12 4:10:27 PM

Page 9

Work Order ID: 83080

Parent Item: D212-580-043

Parent Item Name: LED Pulse Light

83080

D212-580-043

Start Date: 12/04/2012

Required Date: 26/04/2012

Start Qty: 6.00

Required Qty: 6.00

D4377-1

Manufactured No

110

Each

20.0000

1

6

D4377-1

Placard

**

12/4/17 SP

Location

Loc Qty

Loc Code

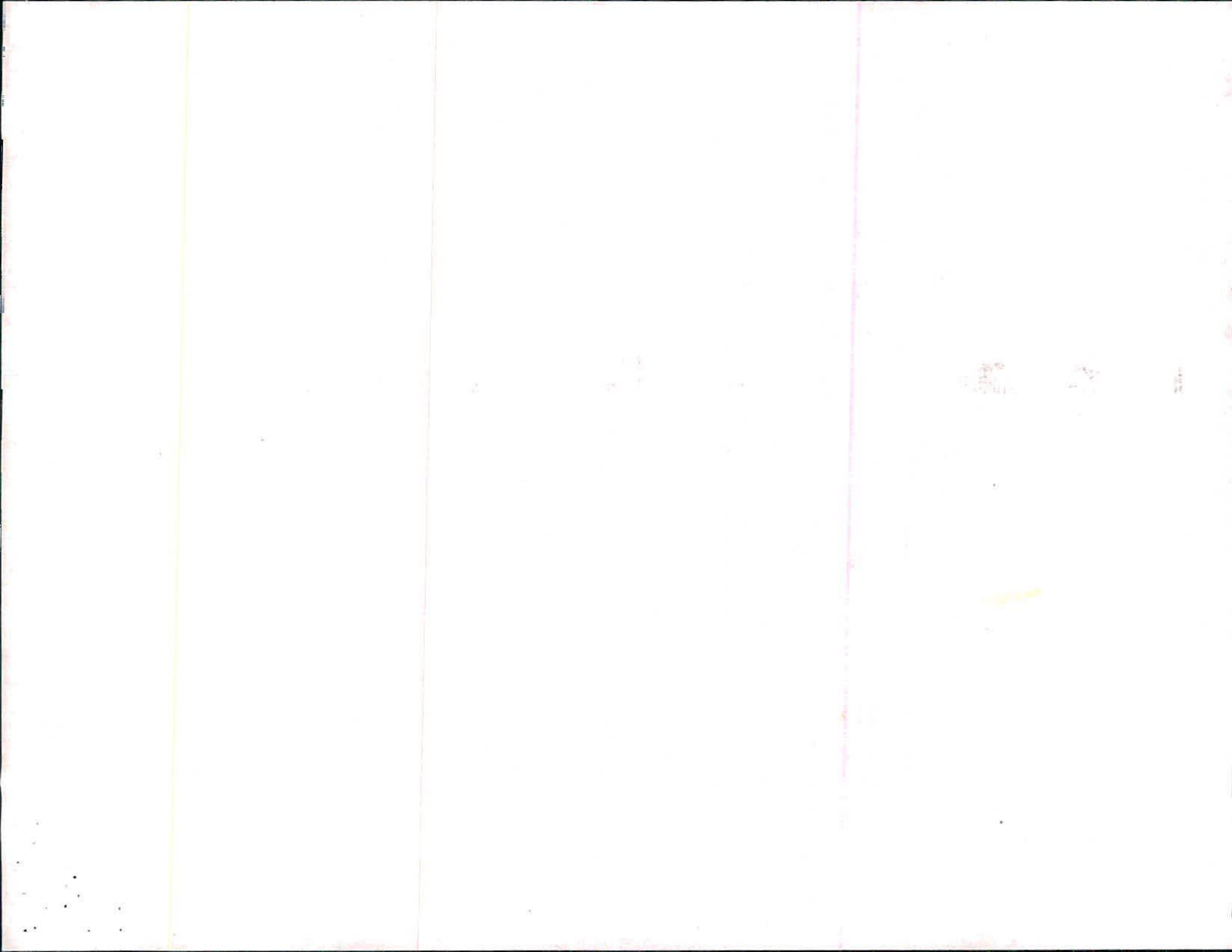
ST139F

20

75671 ✓

20

6 5 5 1



DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D212-580-2 Rev. C AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D212-580 REV. 4

REF CANADIAN STC: SH92-16

REF FAA STC: SH975NE

REF EASA STC: 10017077

REF BRAZIL STC: 2009S11-09

PURPOSE

THE PURPOSE OF THIS DART SERVICE INSTRUCTION IS TO CORRECT A PART NUMBER ERROR IN
INSTALLATION INSTRUCTIONS IIN-D212-580 REV. C AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
ICA-D212-580 REV. 4. LED LIGHT PART NUMBER EWLA1000DBDSOW SHOULD READ EWLA1000DBDSOW.

PARTS LIST CORRECTION

7.0 PARTS LIST (IIN-D212-580-2 REV. C)

Qty	Part Number	Description
X	D212-580-043	LED Pulse Light Kit

IS:

2	EWLA1000DBDSOW	LED Light
---	----------------	-----------

WAS:

2	EWLA1000DBDSDW	LED Light
---	----------------	-----------

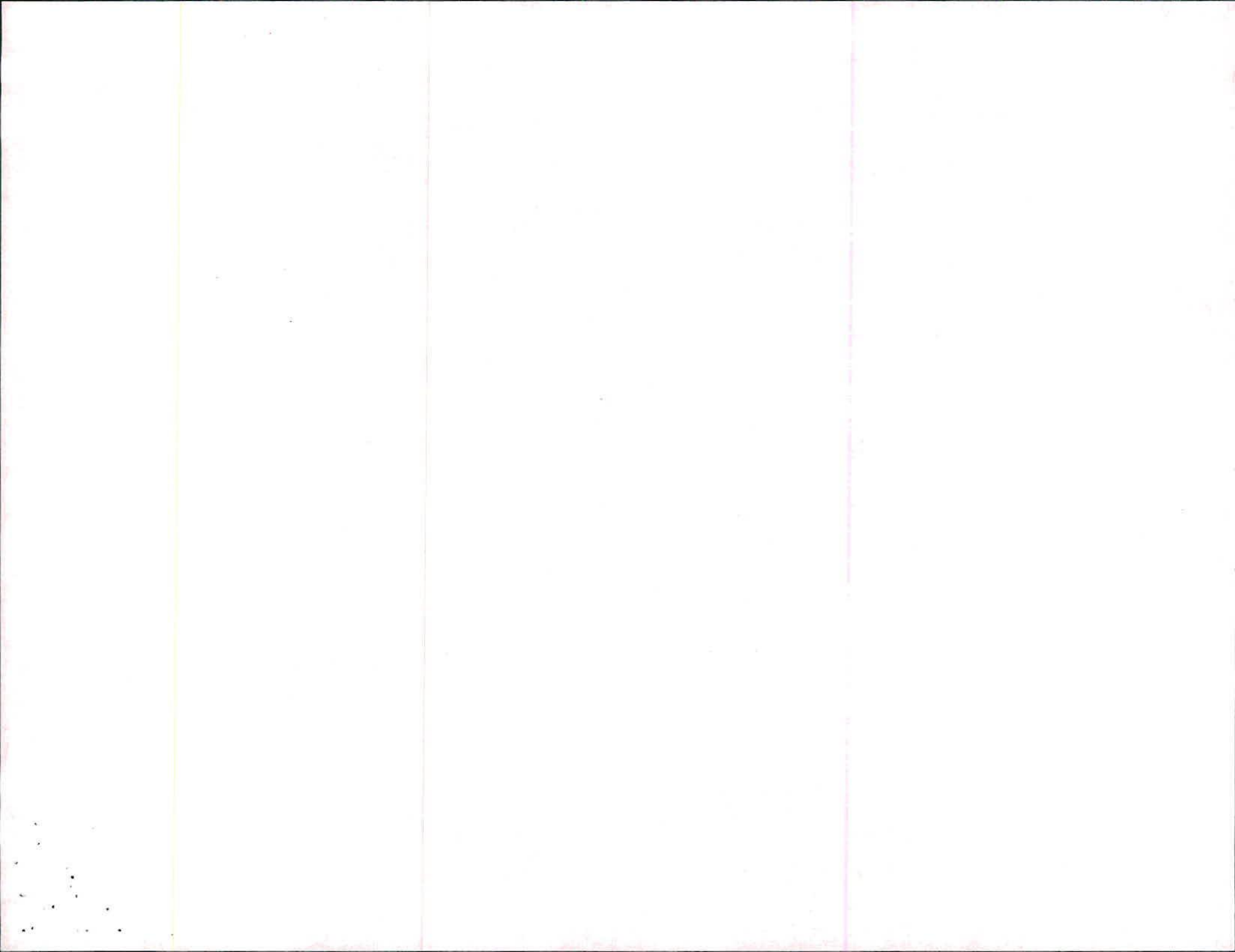
SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 83080406
12/04/13

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: 
D. SHEPHERD (DE # 02)

DATE: 12.02.16
CERT. NO.: SH92-16
ISSUE NO.: 4

A	NEW ISSUE	AP	12.02.16
REV.	DESCRIPTION	BY	DATE
DESIGN	AP	DART AEROSPACE LTD	
DRAWN	AP	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9596	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		PARTS LIST CORRECTION	NTS
DATE	12.02.16	COPYRIGHT © 2012 BY DART AEROSPACE LTD	
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25.12 PARTS LIST (ICA-D212-580 REV. 4)

QTY 562 -041	QTY 563 -041	QTY 580 -041	QTY 580 -043	Part Number	Description
X				D204-562-041	DUAL MIRROR INSTALLATION
	X			D205-563-041	DUAL MIRROR INSTALLATION
		X		D212-580-041	DUAL MIRROR INSTALLATION
			X	D212-580-043	LED PULSE LIGHT KIT

IS:


			2	EWLA1000DBDS0W	LED Light
--	--	--	---	----------------	-----------

WAS:

			2	EWLA1000DBDS0W	LED Light
--	--	--	---	----------------	-----------

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-Q-01

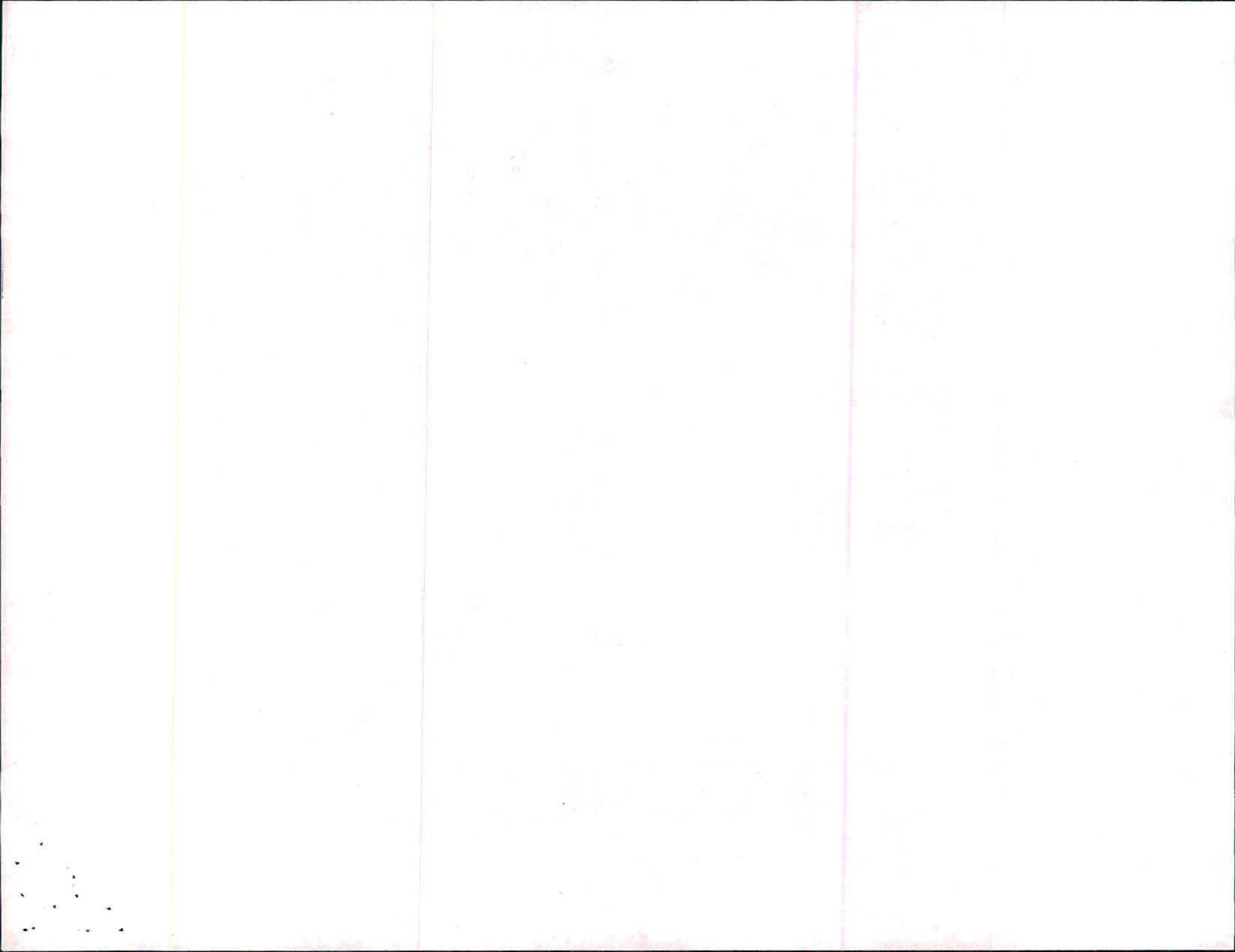
APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 12.02.16
CERT. NO.: SH92-16
ISSUE NO.: 4

DESIGN	AP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AP		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9596	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.		PARTS LIST CORRECTION	NTS
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03080



Work Order ID 83080

April-12-12 4:10:22 PM

83080

Page

Item ID: D212-580-043

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: LED Pulse Light

Start Date: 12/04/2012 Start Qty: 6.00

6

Cust Item ID:

Required Date: 26/04/2012 Req'd Qty: 6.00

6

Customer:

Reference:

Approvals: Process Plan: MLS

Date: 12/04/13 Tooling:

Date:

Run Start *NR1*

QC:

Date: SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stam
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Draw Nbr	Revision Nbr
----------	--------------

DSI 9596	A
----------	---

IIN-D212-580-2	C
----------------	---

100

DOCUMENT CONTROL

0.00

100

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPPD212-580-043/ DSI 9538 CHG001

MLS 12/04/19

6

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

12/4/19

7.0 PARTS LIST

Qty	Part Number	Description
X	D212-580-043	LED Pulse Light Kit
2	EWLA1000DBDSDW	LED Light
2	D4078-1	Clamp Half
2	D4079-1	Clamp Half, Attachment
2	D4081-1	Bushing
1	MS26574-3	Circuit Breaker
1	MS22073-3	Circuit Breaker
1	MS24524-21	Switch (On-Off-On)
1	1210/2405-2A	Pulse Light Module
1	206486-2	Connector, Socket (J1)
1	206485-1	Connector, Plug (P1)
1	206458-1	Feed-thru, Receptacle (J2/J3)
1	206460-1	Connector, Plug (P2)
1	205838-1	Connector, Plug (P3)
10	M39029/64-369	Contacts, Pins (J1)
30	M39029/63-368	Contacts, Sockets (P1/P2/P3)
4	1-206062-4	Connector Backshell
2	AN4-17A	Bolt
4	AN3-7A	Bolt
2	MS21042L4	Nut
7	MS21042L3	Nut
4	NAS1149D0463J	Washer
8	NAS1149D0363J	Washer
4	AN525-832R10	Screw
4	MS21042L08	Nut
8	NAS1149DN816J	Washer
4	MS35206-217	Screw
4	MS21042L04	Nut
8	NAS1149DN432J	Washer
1	D4377-1	Placard

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Revision: C
Date: 11.03.21

